MISSOURI BOTANICAL GARDEN

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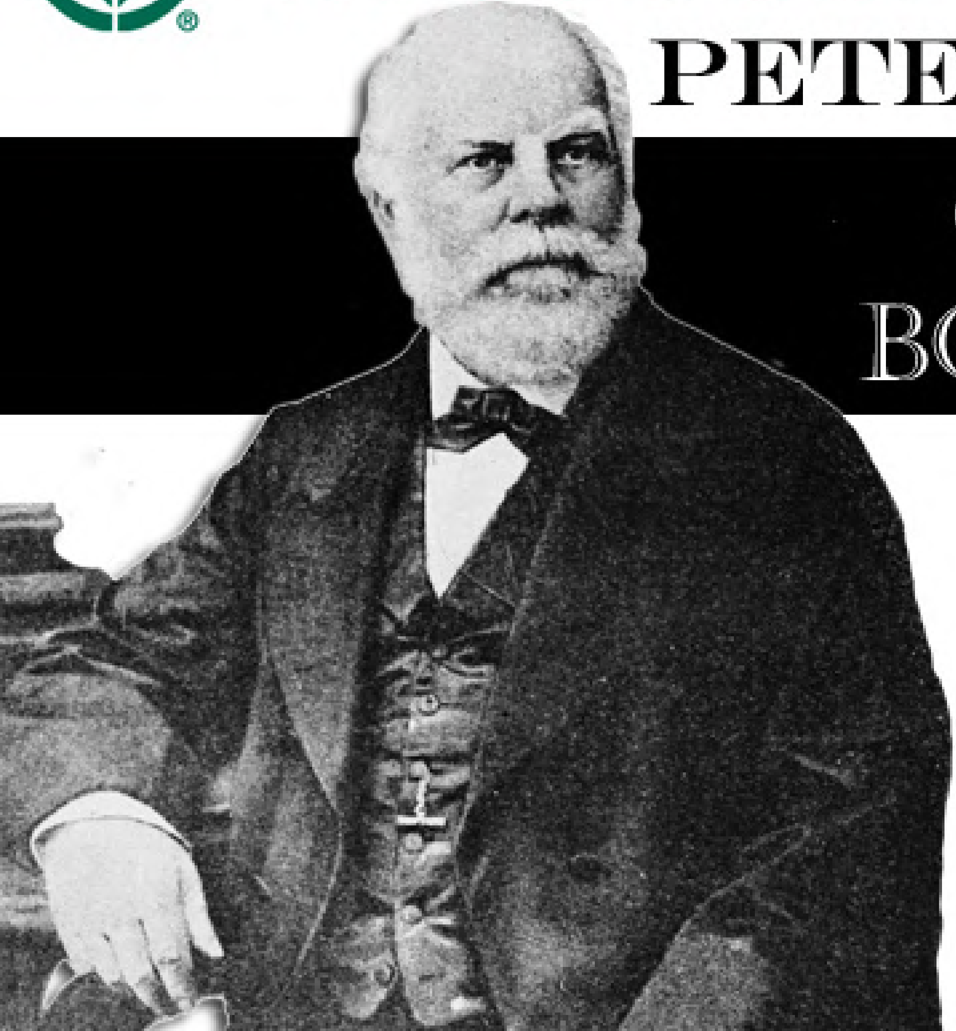

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18.6.

Vahl Symbolae Botanicae
auct. Martino Vahl
pars II. Havniae 1791

p. 53. Euph. glabrata Sw. Prod.

54. E. laevigata : frutescens ramosa, foliis oppositis oblongis obtusis glabris integerrimis

In India orientali.

Tota glabra.

Caulis inermis, rami apice dichotomi 3. vel quater divisi.

Folia breviter petiolata unguicularia, articulis ramorum longiora, altero latere baseos breviora angustiora, apice mucrone minuto terminata, laevia, avenia, glauco viridia.

Pedunculi superne ex dichotomia ramulorum solitarii

Flores parvi

Capsula glabra laevis magnitudine seminis Coriandri.

Euph. granulata Forsk foliis integerrimis oculo armato pilosis, duplo minoribus quam in Chamaesyce. Caps. pilosiuscula

(Euph. thymifolia Forsk in nota mentionem)

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19.a. Berlin 4/57

Flora aegyptiaco-arabica etc.
Petrus Forskål, ed. Carsten Niebuhr
Havniae 1775.

p. XXVI. Flora Constantinopolitana
no 223 Euphorbia polygonifolia prostrata; dichotoma
fol. reniformibus obliquis petiolatis
caps. glabris

Flora Aegyptiaca

p. LXII. N. 102 Cuscuta europaea
LXVIII. N. 256 Euph. serpyllifolia
258. E. obliquata (doubtful belong to Anisophyll
259 E. polygonifolia
260 E. dichotoma
CXII Flor. Arab. felicis
N. 310 E. thymifolia
312 E. α granulata
313. β. decumbens.

p. 93. Euph. dichotoma. fol opp. integr. lanceolat. sessil.
Caulis subcrectus dichotom. spithamaeus: Fol parva ovato-lanceolata sessilia, articulis breviora. infera majora denticulata lato; fl. axillares solitarii sessiles Caps. glabra
Alexandria.

= E. Peplis

p. 94 Cuph. thymifolia parva, procumbens, subdichotoma fol. opposita ovalia obliqua villosa serrulata caulis villosus rubens; umbellae axillares petala albo-rubentia, crenulata.

Arnt.

= C. granulata fol. opposit. obovat. subsessil integerrima; fl. axillar. solitar.

Procumbens dichotoma villosa, folia oblg. ovat. brevissime subciliata; flor. parvi rubentes caps. villosa

Arnt.

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19.6.   Kew 8/57

Petrus Forskål Flora aegypt.-arab.

Hávniae 1775

pag. 94.

2

N. 93. E. thymifolia: parva procumbens subdichotoma. Folia opposita ovalia oblique villosa obtusa serrulata; Caulis villosus rubens, Flores umbellis axillaribus. Petala albo-rubentia crenulata.

N. 95. E. granulata: foliis oppositis obovatis subsessilibus integerrimis, floribus axillaribus solitariis.

Caules procumbentes dichotomi villosi. Folia oblique ovalia subciliata brevissima. Flores parvi rubentes. Capsulae villosae. Planta parva, lactescens.

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20.

Bd. 4/57

Andr. Johan Retzii observationum botanicarum
fasc 4 Lips. 1786.

p. 26. Euph. rosea dichotom fol. abbreviatis basi obliquis
apice denticulatis caule depresso diffuso.

In arena mobili Ind. Orient. Koenig.

Rad subsimplex recta
Caules depressi diffusi, articulis nodosis
leviter hirsuti
folia opp. .. abbreviata superiora oblanceolat
basi obliqua apice denticulata nuda
flor. ad ramorum apices congesti, petalis
pulcherrime roseis.
Caps. glabra.

III. p. 32. Euph. linearis In Ins. Sancta Crux
lectam com. mecum. D.m Vahl
dichotom fol. opposit linear. integerrim
pedunculis solitariis
folia 2 uncialia petala integra

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21.

Berlin 4/57

Roxburgh Flora indica vol II. 1832

Serampore

p. 471. E. dichotoma R. somewhat shrubby, hairy. Leaves opposite oval serrate, 3 nerved, hairy. Flowers in terminal and axillary heads, imbricated with hairy scarious bracts. Invol of 4 large obovate membranaceous petals.

fl. October. — Oojjein.

[Is this E. petalifera?]

p. 472 E. hirta Willd

— E. parviflora Willd. Annual smooth dichotomous oblique, leaves opposite obliquely oblong serrulate smooth. Flowers interfoliaceous, many on a common peduncle of same length. Calyx & corolla ciliated in each of 4 parts.

Various parts of India

p. 473 E. glauca Willd erect smooth; leaves lanceolate entire, umbel 5–3 fid etc.

— E. thymifolia Willd. flat on the earth, coloured, hairy, leaves oblig. ovate hairy. fl axillary, crowded;

Gravelly spots India

— E. uniflora R. Annual dichotom diffuse, filiform smooth; leaves somewhat linear base obliquely cordate, serrulate towards the apex; fl. solitary petals with a large

gland on the inside, Caps smooth.
Common on dry barren spots
[is this not = rosea Retz ?]

p. 473 E. chamaesyce Willd. ♃ spreading flat smooth, subdichotomous; leaves opposit obliquely oblong, serrulate; fl. axillary solitary
Coromandel & Bengal.

Berlin May 1857

22/

Euphorbia laevigata Vahl Symb. 2. p. 54 } fide DeCaisne
= E. glaucophylla Poir Encycl. Suppl. 2. 613. { Herb. Timorensis
= E. laevis ibid p. 612 . fide descr. — p. 160
fol. glauc. cordat.; gland. vix marginatis; sem. obovato rotundis, laevibus, strophe fusca notatis.

E. thymifolia Lamarck Encycl. n. 38. pubesc. humifusa.
fol. ~~opposit~~ apice serrulat obtus, supra glab., subtus pub
caps. hispidul.; sem. cinereis transverse rugulos
(Decaisne. ibid. p. 161

E. serrulata Bl. Bijd. p. 635 fol. opp. linear, serrulat. glabr; umbellis sub 3 fidis axillaribus

All these in Timor DeCaisne fl. timor.

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23.

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L. v. Buch. Physical. Beschr. der Canar. Inseln

p. 158 Euph. pubescens Link n. sp. dichotoma foliis e rhombea basi elongatis aequilatis obtusis subcuspidatis petalis rotundatis capsulis laevibus glabris, mediis variantis

Die Blätter sind länger als an E. peplis 5 lin lang, 2 lin breit.

probabl. = peplis

" Euph. Linaria Lk n. sp. dichotoma – petalis bicornibus etc.

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24.a

Webb. & Berthelot Phytogr. Canar. Berlin 5/57

III. 236

Euph. anisophyll by J. Gay

p. 236 Euph. Peplis mare mediterran., Nigr. Canar. madera, lusitan., Neustria, Anglia meridi. Azore.

calyx. femin ⅓ the length of the ovary!

„sem. angulis prorsus exaequatis crasse ovoidea 1¼ lin longa plus ¾ lin lata laevissima grisea valde mucilaginosa fine hilari acutiusculo, chalazari rotundato truncato. etc.

p. 238 E. tenella Kunth = callitrichoides Kunth
= E. trichogona Bertol misc. bot. 3 (1844).
pag. 20 tab 6 fig 4.

Austin Texas (Drumm. 1835 No 228, mixed with E. radians), New Orleans, Frank (mixed with depressa — Mexico — Antillen — Guyana — Surinam Weigelt in herb. Webb sub. nom E. prostrata.). Teneriffa —

glabrous or pubescent — capsule only at edges pilose; „sem. parva obpyramidata tetragona candidissima mucilaginosa, angulis acutis lateribus transversim rugoso-costatis (non proprie sulcatis) rugis 5-6 parallelis et continuis vel plus minus interruptis

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24.6. Webb. & Berthelot Phytogr. Canar. Berlin 5/57

III.

Euphorb. Anisophyll. by J. Gay.

p. 239. Euph. Burmanniana Gay annua procumbens gracilis caulibus puberulis s. glabris, fol. oblongis obtusis 3–4 nerviis oblique basi subcordatis supra glabr. infr. villosulis apice denticulatis vel altero margine continue serrulatis; stipulis liberis s. illis connatis; fl. axillaribus solitariis nodorum approximatione glomeratis vel laxe spicatis; – gland. invol. lacellam aequalibus exiguis, capsulis (breviter stipitatis! erectiusculis! cernuis) pube moniliformi adspersa canescentibus seminibus minutissimis obpyramidato-acutiusculis tetragonis roseis transversim sulcato-costulatis.

J. Burm. Thes. Zeyl. (1737) p. 225 tab. 105. f. 3 and in Herb. in mus. Delessert.!

E. thymifolia β. Lin.

E. thymifolia N. L. Burm. ~~Flor~~ indica & in herb. Lam. Pers. Meyer Essequebo_ Blume! Decaisne! — (non thymifol. α Lin.)

E. mucronulata Aubl. Guyan. 1. 479

Poeppig No. 3099.

Antilles, Surinam, Pernambuco. Senegal Madagascar, Mascaren. Zeylon, Malabar Bengal – China, Pegu, Java (Zollinger etc.)

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24c. Webb & Berthel. Phytogr. Canar. III Berlin 5/57

Euph. – Anisoph. by Gay

p. 240. E. Forskalii Gay annua procumbens, caule villosis (fragilibus); foliis oblongo-ellipt. obtus. 3–4 nerv. obliq. subcordatis dorso villosulis albo margine obscure remotique serrulatis; stipul. liberis flor. axill., solit., glom. vel laxe spicatis; gland. aequal. minutissimis; caps. (late ovoides longe stipitat. pedalis) pube moniliformi ~~adpressa~~ rara vel densa vestitis; sem. obpyramidati acutiuscule 4-gonis transversim irregulariter rugosis vel lacunosis

E. thymifolia Forsk. Fl. aeg.-arab. p. CXII. 94.

Arabia, Aegypt., Syene (Sieber) Nubia, Cordofan (Kotschy sub nom. granulata), Abyssinia Tarrage (Schimper sub granulata) – Senegambia Ins. Prom. viridi. —

similis Euph. depressae, sed foliis immaculatis et involucellis latere interiore glaberrimis non pilosis — sem. duplo longioribus, nunquam parallele sulcato-costatis sed irregulariter rugosis aut fossulatis

glands with or without appendages; involucre inside smooth, striate; lobes from a broad base subulate with long moniliform hair ciliate; 4–7 male flowers; styles very short, erect-patulous, divided nearly to the base; seeds 2/3 lin. long

β. granulata fol. minoribus integerrimis ramis cano villosis = E. granulata Forsk. l.c. Vahl. E. fragilis Dne — Arabia Bove –

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Schimper (912) Nubia (Kotschy 364)

γ. hirtula (in ins. Canar.) fol integerrimis utrinque villosulis, capsulis pube rara rectaque patente hirtulis f. Fc

In Persia (Aucher), Syria (Bove 496) Cordofan (Kotschy 69) Canariis & Ins. Prom. virid.

— Caulis laxissime villosuli

Proximum Euph. Chamaesyce var. canescens.

δ. glabrata fol. integerrimis, facie glaberrimis dorso marginibusque sparse pilosulis capsulis pube rara recta patenti hirtulis

Arabia (Aucher 5304) Botta

Djedda, Arabiae (Schimp. 754.) Kordofan (Kotschy 69)

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